



# NEWS LETTER śruti

Department of Electronics and  
Communication Engineering

BVRIT HYDERABAD College of  
Engineering for Women,  
RAJIV GANDHI NAGAR ROAD, BACHUPALLY-  
500090

REPORT

JAN-2016

## About the Department

Department is supported by well experienced Faculty who are diversified in various domains like Communications, VLSI and Embedded Systems. Mr. J. Naga Vishnu Vardhan is heading the department since its inception. He has 11.6 years of teaching experience and his areas of interest are Signal Processing and Communications. Labs are established not only to serve the purpose of the prescribed curriculum but also to take up innovative projects by the students to meet the societal needs. The touchstone of the department is the promotion of more hands on facilities to students through conduction of mini projects, workshops, industrial visits and internships. Technical seminars are encouraged by the department to enhance the presentation skills of the students. Apart from technical activities like fests, students are encouraged to participate in Hackathons, paper presentations, mini project exhibitions and competitions conducted by various organizations like India Skills competition, IT Olympiad, L&T Techgium, My Gov.in, IoT Innovation challenge, Smart India Hackathon etc.

The Department of ECE was established in the year 2012 with an intake of 60, and could procure extension of intake to 120 from the academic year i.e., 2014-15. The

### Vision

To emerge as a centre of academic and research excellence in Electronics and Communication Engineering and create globally competent women technocrats with a high degree of social consciousness in a holistic learning environment.

### Mission

- To provide quality education to the students with emphasis on training related to latest technologies as per industrial needs.
- To impart research culture, professional ethics and moral values to the students by committed and competent faculty striving for excellence.
- To inculcate a perceptive alacrity in students to identify real life problems, formulate strategies and evolve into contextually effective solutions.

### Programme Educational Objectives (PEOs)

After three to six years of graduation, the graduates of this programme will be able to

- **PEO-1:** Excel in contemporary problem solving in Electronics and Communication Engineering and the allied fields through the knowledge-base provided by the program.
- **PEO-2:** Demonstrate their technical, communication and leadership skills in professional environment or as entrepreneurs with social responsibility.
- **PEO-3:** Analyze the latest issues and technology growth in the field of Electronics and Communication Engineering and update their knowledge and skills accordingly through continuous learning.
- **PEO-4:** Demonstrate ethical and human values in multicultural and multidisciplinary environments.

## Events conducted

- Two projects of BVRITH namely Solar Backpack and Community Compass were selected under Top 20 in JNTUH Excite competition



- ATL students along with faculty Mr. R. Priyakanth, Asst. Prof visited Sweekar –Upakar, A School for children with special needs or with intellectual disability on 11th July 2015.



- The dept. of ECE organized DIYAS painting competition for both teaching and non-teaching lady faculty on 7<sup>th</sup> November 2015 on behalf of Diwali



- ☛ Celebrated “Constitution Day” on 24<sup>th</sup> November 2015. Dr. Anitha, faculty, forensic department was invited as the chief guest.



- ☛ Six day workshop on Embedded Systems for III ECE was held from 4<sup>th</sup> to 10<sup>th</sup> December 2015 in association with prolific systems and technologies at Dept. of ECE, BVRITH



- ☛ 70 students of III B.Tech(ECE) along with 2 faculty members were deputed to one day workshop on “MATLAB, signal Processing, SIMULINK” at JNTUH on 11<sup>th</sup> September 2015



- ☞ Department of Electronics and Communication Engineering, BVRIT Hyderabad College of Engineering for Women celebrated Engineers Day on 15th September 2015 under IETE Students Chapter. On this behalf Prashnothari – III (Quiz Competition) was organized (interdisciplinary). A Total of 23 teams were participated out of which 5 teams were selected for the final quiz through screening test. Quiz was conducted on Aptitude, Logical, Reasoning, Basics of Computers and technical subjects. Total 3 Prizes were given.



# ENGINEERS DAY 2015



## Highlights/Seminar/Guest Lectures Conducted

- Mission R & D Lecture to III B.Tech ECE on 17<sup>th</sup> July 2015
- WISE Module V presentations were held on 15<sup>th</sup> July 2015 under the presence of Chairman, Vice-Chairman, Joint Secretary, Principal, Placement Officer, WISE Faculty, Microsoft & ADP experts, Faculty & Students
- Session on Career Guidance by Sri Sai Prasad, Veda Technologies to III B.Tech ECE / EEE on 11<sup>th</sup> July 2015.
- 17 Students from IV & III ECE participated in Engineering without Borders – RSF-2015 from 21<sup>st</sup> – 23<sup>rd</sup> July 2015 organized at BVRIT Narsapur.
- Meeting of IEEE coordinators with Principal was held on 20<sup>th</sup> July 2015 to discuss the plan of IEEE Activities for the academic year 2015-16
- Karnataka Vocal by SPIC Macay for all I B.Tech was held on 14<sup>th</sup> Aug 2015.
- 50 students of II & III B.Tech of all branches put together were sent to JNTUH to attend a seminar on Environmental protection on 19<sup>th</sup> Aug 2015.
- Fresher's day for 2015-16 batch was held on 20<sup>th</sup> Aug 2015.
- College level non-technical event "Alankarana" was conducted by Dept. of ECE on 5<sup>th</sup> Sep 2015.
- Teachers Day was celebrated on 5<sup>th</sup> September 2015
- Session by SHE Team was conducted for all III B.Tech Students on 10<sup>th</sup> Sep 2015.
- Capgemini Placements for IV B.Tech was held on 11<sup>th</sup> & 12<sup>th</sup> Sep 2015 and 37 students were selected
- Chairman and Vice-chairman Sirs' interaction with Capgemini selected students was held on 14<sup>th</sup> Sep 2015.
- HOD's of EEE, CSE, IT and Mr. Mahesh, faculty of ECE attended one day workshop on Outcome based Education at JNTUH on 14<sup>th</sup> Sep 2015.
- Student coordinators of NSS distributed Ganesh Idols to all faculty of BVRITH on 16<sup>th</sup> Sep 2015.
- 3 Students from III ECE attended workshop on Analog Communications organized by IETE Hyderabad Centre on 19<sup>th</sup> & 20<sup>th</sup> of September 2015
- Mr. J. Naga Vishnu Vardhan, HOD-ECE attended meeting of IoT Maker space with HYSEA and TASK on 24<sup>th</sup> Sep 2015
- Session by Mr. Pankaj –Idea Labs on IoT for Maker Space registered students was held on 28<sup>th</sup> Sep 2015
- NSS Team, BVRITH organized
  1. Blood Donation camp on 14<sup>th</sup> Oct 2015.
  2. Free Health Checkup Camp on 15<sup>th</sup> Oct 2015.
- Session by Mr. Pankaj, IDEALABS on Ideathon for all IoT registered students was held on 14<sup>th</sup> Oct 2015.
- 2 Students of II ECE got first prize in Paper presentation at BVRIT Narsapur during National Level Students tech Fest Promethean – 2K15 held during 14<sup>th</sup> & 15<sup>th</sup> Oct 2015. 6 More students of II ECE are also participated.
- III ECE Student VHN Mounika got first prize in Ideation contest -2015 held on 5<sup>th</sup> Nov 2015 at BVRITH
- Celebrated "Deloitte Impact Day" for I and III B.Tech on 27<sup>th</sup> Nov 2015

## ACADEMIC TOPPERS

### A.Y-2015-16

#### IV Years (2012-16 batch)



T. Satvika: 81.38%



V. Jahnavi: 81.10%



P Sravya: 80.00%

#### III Years (2013-17 batch)



T Ravali: 84.27%



G V Sindura Devi: 84.00%



J Sandhya : 80.53%

#### II Years (2014-18 batch)



A. Deepika: 88.13 %



B. Lahari : 84.93 %



D. Sushma Reddy: 83.20%

## NEWS LETTER

### Department of Electronics and Communications

#### *Editorial Team*

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